

Chow, Kevin

From: Dan Caplice <dan@kplus.com>
Sent: Thursday, February 26, 2015 2:50 PM
To: Beslow, Mike
Cc: 'Dimond, Thomas'; Kent Keutzer; Boseman, Anita; Chow, Kevin; 'cordell.renner@tetrattech.com'; 'mark.retzlaff@illinois.gov'; 'chuck.curtis@illinois.gov'; 'mark.gurnik@illinois.gov'; 'Mike.Roubitchek@illinois.gov'; 'Grant, Christopher J. (CGrant@atg.state.il.us)'; 'Susan Morakalis (susan.morakalis@mwr.org)'; 'mark.leibrock@mwr.org'
Subject: FW: Olympic Oil, Cicero 15020562
Attachments: 15020562(K-Plus)Rev0_Preliminary.pdf

Attached is the analytical data that was received moments ago for yesterday's samples.



K - PLUS ENGINEERING

Daniel M. Caplice, P.E.

312.207.5700 | 312.207.1600 (Main)

From: Craig Chawla [mailto:cchawla@statanalysis.com]
Sent: Thursday, February 26, 2015 2:30 PM
To: Dan Caplice; Phil Montana
Subject: Olympic Oil, Cicero 15020562

Dan,

Attached is the available data for project Olympic Oil, Cicero received 2/25/2015.

Craig Chawla
STAT Analysis Corporation
(312)733-0551

The information contained in this e-mail message and any attachments is confidential information intended only for the use of the individual or entities named above. If the reader of this message is not the intended recipient you are hereby notified that any dissemination, distribution, or copying of this communication is strictly prohibited. If you have received this communication in error, please notify us immediately by e-mail at the originating address.

<<15020562(K-Plus)Rev0_Preliminary.pdf>>

STAT Analysis Corporation

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

February 26, 2015

K-Plus Engineering, LLC
15 Spinning Wheel Drive
Hinsdale, IL 60521

Telephone: (312) 207-1600
Fax: (312) 831-2191

Analytical Report for STAT Work Order: 15020562 Revision 0

RE: 25111, Olympic Oil, Stickney

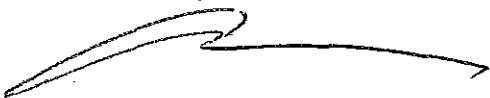
Dear Dan Caplice:

STAT Analysis received 19 samples for the referenced project on 2/25/2015 4:02:00 PM. The analytical results are presented in the following report.

This is a preliminary report that contains incomplete data or data that has not been fully validated. Caution should be exercised in the use of any data presented as final reported results may not reflect the values presented.

If you have any questions regarding these tests results, please feel free to call.

Sincerely,



Craig Chawla
Project Manager

The information contained in this report and any attachments is confidential information intended only for the use of the individual or entities named above. The results of this report relate only to the samples tested. If you have received this report in error, please notify us immediately by phone. This report shall not be reproduced, except in its entirety, unless written approval has been obtained from the laboratory. This analytical report shall become property of the Customer upon payment in full. Otherwise, STAT will be under no obligation to support, defend or discuss the analytical report.

Client: K-Plus Engineering, LLC
Project: 25111, Olympic Oil, Stickney
Work Order: 15020562 Revision 0

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
15020562-001A	KP9A			2/25/2015
15020562-002A	KP9B			2/25/2015
15020562-003A	KP9C			2/25/2015
15020562-004A	KP8A			2/25/2015
15020562-005A	KP8B			2/25/2015
15020562-006A	KP8C			2/25/2015
15020562-007A	KP11A			2/25/2015
15020562-008A	KP11B			2/25/2015
15020562-009A	KP11C			2/25/2015
15020562-010A	OA-SS-04-0225			2/25/2015
15020562-011A	OA-SW-02-0225			2/25/2015
15020562-012A	OA-SW-01-0225			2/25/2015
15020562-013A	MW10			2/25/2015
15020562-014A	KP5A			2/25/2015
15020562-015A	KP5B			2/25/2015
15020562-016A	KP5C			2/25/2015
15020562-017A	KP6A			2/25/2015
15020562-018A	KP6B			2/25/2015
15020562-019A	KP9W			2/25/2015

STAT Analysis Corporation

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

ANALYTICAL RESULTS

Date Printed: February 26, 2015

Client: K-Plus Engineering, LLC

Project: 25111, Olympic Oil, Stickney

Work Order: 15020562 Revision 0

Lab ID: 15020562-001

Collection Date:

Client Sample ID: KP9A

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
----------	--------	----	-----------	-------	----	---------------

Glycols, Total	SW8015 (SW3550B)			Prep Date: 2/25/2015	Analyst: MEP	
Ethylene Glycol	ND	0.41		mg/Kg-dry 1	2/26/2015	

Percent Moisture	D2974			Prep Date: 2/25/2015	Analyst: RW	
Percent Moisture	19.4	0.2	*	wt% 1	2/26/2015	

Lab ID: 15020562-011

Collection Date:

Client Sample ID: OA-SW-02-0225

Matrix: Water

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
----------	--------	----	-----------	-------	----	---------------

Glycols, Total	SW8015 (SW3510C)			Prep Date: 2/25/2015	Analyst: MEP	
Ethylene Glycol	ND	10		mg/L 1	2/25/2015	

Lab ID: 15020562-012

Collection Date:

Client Sample ID: OA-SW-01-0225

Matrix: Water

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
----------	--------	----	-----------	-------	----	---------------

Glycols, Total	SW8015 (SW3510C)			Prep Date: 2/25/2015	Analyst: MEP	
Ethylene Glycol	ND	10		mg/L 1	2/25/2015	

Lab ID: 15020562-013

Collection Date:

Client Sample ID: MW10

Matrix: Water

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
----------	--------	----	-----------	-------	----	---------------

Glycols, Total	SW8015 (SW3510C)			Prep Date: 2/25/2015	Analyst: MEP	
Ethylene Glycol	4200	500		mg/L 50	2/26/2015	

Lab ID: 15020562-019

Collection Date:

Client Sample ID: KP9W

Matrix: Water

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
----------	--------	----	-----------	-------	----	---------------

Glycols, Total	SW8015 (SW3510C)			Prep Date: 2/25/2015	Analyst: MEP	
Ethylene Glycol	360	10		mg/L 1	2/25/2015	

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

HT - Sample received in the holding time

* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

H - Holding time exceeded

CHAIN OF CUSTODY RECORD

N^o: 856882 Page : of

Company: K-PLUS								P.O. No.:	
Project Number: 25111				Client Tracking No.:				Quote No.:	
Project Name: Olympic AI								TURN AROUND TIME 	
Project Location: Stockney									
Sampler(s): Jessie M.									
Report To:				Phone: 92-207-1600				Turn Around:	
				Fax:				Results Needed:	
QC Level: 1 2 3 4				e-mail: DW@KPLUS.COM				am/pm	

Client Sample Number/Description:	Date Taken	Time Taken	Matrix	Comp.	Grab	Preserv.	No. of Containers	Remarks	Lab No.:
KP9A		9:00	Soil	X					001
KP9B		9:00		X					002
KP9C		9:00		X					003
KD8A		11:40		X					004
KPB3		11:40		X					005
KPBC		11:40		X					006
KPIIA									007
KPINB									008
KPIIC									009
CA-SG-01-0225			Soil						010
DA-SW-02-0225			"						011
CA-SW-01-0225			"						012
MW10			"						013
KPSA									014
KPSB									015
KPSC									016
KPGA			Soil						017
KPIVA			Soil						018

Relinquished by: (Signature) _____	Date/Time: 2/25/15 16:02	Comments:
Received by: (Signature) _____	Date/Time: 2/25/15 16:02	
Relinquished by: (Signature) _____	Date/Time:	
Received by: (Signature) _____	Date/Time:	
Relinquished by: (Signature) _____	Date/Time:	Preservation Code: A = None B = HNO ₃ C = NaOH D = H ₂ SO ₄ E = HCl F = 5035/EnCore G = Other
Received by: (Signature) _____	Date/Time:	

Laboratory Work Order No.: 15020562	Received on Ice: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Temperature: 23 °C	

Sample Receipt Checklist

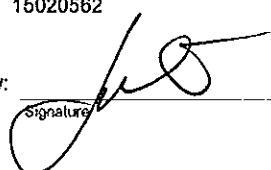
Client Name K-PLUS

Date and Time Received: 2/25/2015 4:02:00 PM

Work Order Number 15020562

Received by: JOK

Checklist completed by:



2/25/15

Date

Reviewed by:

Jc

Initials

2/26/15

Date

Matrix:

Carrier name Client Delivered

Shipping container/cooler in good condition?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Not Present <input type="checkbox"/>
Custody seals intact on shipping container/cooler?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Not Present <input checked="" type="checkbox"/>
Custody seals intact on sample bottles?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Not Present <input checked="" type="checkbox"/>
Chain of custody present?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody signed when relinquished and received?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody agrees with sample labels/containers?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	
Samples in proper container/bottle?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sample containers intact?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sufficient sample volume for indicated test?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
All samples received within holding time?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Container or Temp Blank temperature in compliance?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Temperature 2.3 °C
Water - VOA vials have zero headspace?	No VOA vials submitted <input checked="" type="checkbox"/>	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Water - Samples pH checked?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Checked by: _____
Water - Samples properly preserved?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	pH Adjusted? _____

Any No response must be detailed in the comments section below.

Comments:

Sample ID KP9W was received but not listed on the COC, logged in according to sample container ID. COC had sample ID KP6A duplicated on the COC but sample container ID KP6A and KP6B were received; logged in according to sample container ID.

Client / Person contacted:

Dan Caplice

Date contacted:

2/26/15

Contacted by:

Frank C (email)

Response:

Corrected COC received via email 2/26/15

STAT Analysis Corporation

2242 W. Harrison Suite 200, Chicago, Illinois 60612 Phone: (312) 733-0551 Fax: (312) 733-2386

e-mail address: STATinfo@STATAnalysis.com AIHA, NVLAP and NELAP accredited

CHAIN OF CUSTODY RECORD

N^o: 856882 Page: of

Company: <u>K-PLUS</u>								P.O. No.:	
Project Number: <u>2511</u>				Client Tracking No.:				Quote No.:	
Project Name: <u>Olympic AI</u>								<div style="transform: rotate(-45deg); border: 1px solid black; padding: 5px;"> ANALYTICAL LABORATORY </div>	
Project Location: <u>Spokane</u>									
Sampler(s): <u>Jessica M.</u>									
Report To: _____ Phone: <u>92-207-1600</u>									
QC Level: 1 _____ 2 _____ 3 _____ 4 _____								Fax: _____	
e-mail: <u>Dan@kplus.com</u>								Turn Around: _____	
Results Needed: _____								am/pm	
Client Sample Number/Description:		Date Taken	Time Taken	Matrix	Comp.	Grab	Preserv.	No. of Containers	Remarks
KP9A			9:20	Soil	X				001
KP9B			9:20		X				002
KP9C			9:20		X				003
KP9A			11:40		X				004
KP9B			11:40		X				005
KP9C			11:40		X				006
KP11A									007
KP11B									008
KP11C									009
QA-SW-01-0225				Soil					010
DA-SW-02-0225				W					011
QA-SW-01-0225				W					012
MW10				W					013
KPSA									014
KPSB									015
KPSA									016
KP6A			7:00	Soil					017
KP6B			7:00	Soil					018
KP9W									X
Relinquished by: (Signature) _____		Date/Time: <u>2/25/15 16:02</u>		Comments:					
Received by: (Signature) _____		Date/Time: <u>2/25/15 16:02</u>							
Relinquished by: (Signature) _____		Date/Time: _____							
Received by: (Signature) _____		Date/Time: _____							
Relinquished by: (Signature) _____		Date/Time: _____							
Received by: (Signature) _____		Date/Time: _____							
Preservation Code: A = None B = HNO ₃ C = NaOH				Laboratory Work Order No.: <u>15020562</u>					
D = H ₂ SO ₄ E = HCl F = 5035/EnCore G = Other				Received on Ice: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>					
				Temperature: <u>23</u> °C					

9 JO 9